

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method of manufacturing an annular oblique light illumination apparatus having a ~~frustconical~~ frustoconical inner circumferential surface as a light emitting device arranging surface, ~~which comprises;~~ the method comprising:

~~using providing~~ a flexible wiring substrate, ~~on~~ in which a plurality of arcuate zonal wiring patterns for mounting light emitting devices, each in the form of a developed frustconical shape, are serpigginously formed continuously ~~to~~ on a base film ~~of~~ having a quadrangular predetermined shape[[.]];

inserting electrodes of the light emitting devices into the arcuate zonal wiring ~~pattern parts~~ patterns and soldering ~~them and then,~~ the electrodes to the arcuate zonal wiring patterns;

cutting out the arcuate zonal wiring patterns from the base film to form light emitting device arrays[[.]]; and

fixing each light emitting device array to the arranging surface.

2. (Currently Amended) A method of manufacturing an annular oblique light illumination apparatus having a ~~frustconical~~ frustoconical inner circumferential surface as a light emitting device arranging surface, ~~which comprises;~~ the method comprising:

~~using providing~~ a flexible wiring substrate, ~~in~~ on which one or more annular stripe wiring patterns for mounting light emitting devices, each in the form of a developed ~~frustconical~~ frustoconical shape when cut for a predetermined center angle, are formed ~~to~~ on a base film ~~of a predetermined shape,~~ having quadrangular shape;

inserting electrodes of the light emitting devices to ~~an arcuate zonal parts~~ the annular stripe wiring patterns corresponding to the center angle and soldering ~~them~~, the electrodes to the base film;

~~then~~ cutting out the ~~arcuate zonal~~ annular stripe wiring patterns from the base film to form light emitting device arrays~~[[.]]~~; and

fixing each light emitting device array to the arranging surface.

3. (Currently Amended) A method of manufacturing an annular oblique light illumination apparatus having a ~~frusteoconical~~ frustoconical inner circumferential surface as a light emitting device arranging surface, ~~which comprises~~ the method comprising:

using providing a flexible wiring substrate, ~~formed in~~ on which one or more arcuate zonal wiring patterns for mounting light emitting devices, each in the form of a developed ~~frusteoconical~~ frustoconical shape, ~~to~~ are formed on a base film ~~of a predetermined shape,~~ having quadrangular shape;

inserting electrodes of the light emitting devices ~~to~~ into the arcuate zonal wiring ~~pattern parts~~ patterns and soldering ~~them~~, the electrodes to the base film;

~~then~~ cutting out the arcuate zonal wiring patterns to form ~~an~~ light emitting device arrays~~[[.]]~~; and

fixing each light emitting device array to the arranging surface.

Claims 4-9. (Canceled)

10. (New) The method according to claim 1, wherein the base film has a substantially square shape.

11. (New) The method according to claim 2, wherein the base film has a substantially square shape.

12. (New) The method according to claim 3, wherein the base film has a substantially square shape.

13. (New) The method according to claim 1, further comprising providing cutting guide lines on the base film.

14. (New) The method according to claim 2, further comprising providing cutting guide lines on the base film.

15. (New) The method according to claim 3, further comprising providing cutting guide lines on the base film.

16. (New) The method according to claim 1, further comprising providing inspection terminals on the base film configured to enable testing of the mounting of the light emitting diodes to the arcuate zonal wiring patterns.

17. (New) The method according to claim 2, further comprising providing inspection terminals on the base film configured to enable testing of the mounting of the light emitting diodes to the annular stripe wiring patterns.

18. (New) The method according to claim 3, further comprising providing inspection terminals on the base film configured to enable testing of the mounting of the light emitting diodes to the arcuate zonal wiring patterns.